

APPLICATION FOR OPEN BURNING PERMIT

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
Air Pollution Control Division

Permit No. 2000-OB-018
Date issued 3/7/2000
Date expires 4/30/2000

APPLICANT:
Complete Sections I & II
All items must be completed

I. GENERAL INFORMATION

Department of Energy
Name Rocky Flats Field Office
Mail Address 10808 Hwy 93, Unit B
City Golden, CO 80403-8200
Phone (303) 966-6386

County Jefferson County

Burn Supervisor Tim Parker
Description of Burn Site
Location (address, site description,
e.g., fence row, etc.) Attachment 1,
Section 1

Ownership of Burn Site (if other than applicant):
Public Lands (include leases, managing agency,
e.g., BLM, Forest Service)
Private Lands

Adjacent to Public Lands (specify)

Purpose of Burn (describe) Attachment 1,
Section 2

Type of Debris to be Disposed of Grass and
forbs, both alive and dead, and
dead plant litter.

Total Amount of Debris (e.g., tons, acres, etc.) Attachment 1, Section 3
Amount to be Burned Attachment 1, Section 3
Auxiliary Fuel Kerosene drip torch
Alternatives to Burning Mowing and removal

Project Starting Date March 1, 2000
Project Completion Date April 30, 2000

Total Days, Hours Needed to Complete Burn Attachment 1,
Section 4

II. ADDITIONAL REQUESTS AND INFORMATION

(Elaborate, if needed, on information given above.)

See Attachment 2

Application Date 3/2/2000

Applicant's Signature

ONE RECD

Permit is subject to all conditions as indicated, instructions and those as listed below.

Completed by Granting Authority Only

See conditions on the back of this permit and additional
specific conditions 1-12 which are attached to this permit

Granting Authority

Date

Approving Authority

Dirk L. Wold

Date 03-07-2000

AP-24 (Rev 8-23-88)

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
AIR POLLUTION CONTROL DIVISION

APPLICATION FOR OPEN BURNING PERMIT

The Colorado air pollution control laws and regulations prohibit open burning throughout the State unless a permit has been obtained from the appropriate air pollution control authority. In granting or denying any such permit, the authority shall base its action on the potential contribution to air pollution in the area, climatic conditions on the day or days of such burning, and the authority's satisfaction that there is no practical alternate method for the disposal of the material to be burned.

Complete the application portion of the permit (reverse side). Send in its entirety to the following address or to the local air pollution control authority:

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
AIR POLLUTION CONTROL DIVISION APCD-SS-B1
4300 CHERRY CREEK DRIVE SOUTH
DENVER, COLORADO 80222-1830
PHONE: (303) 692-3150

CONDITIONS:

1. During publicly announced periods of AIR POLLUTION EMERGENCY or ALERT, all permits are suspended in alert areas. In such cases, burning may be conducted only with direct permission from the granting authority. No burning will take place in carbon monoxide and/or PM10 nonattainment areas from November 1 to February 28. No burning will be done when local wind speeds exceed 5 miles per hour.
2. At no time shall the burning be left unattended. Burning shall be supervised by one or more responsible persons depending on the type of burning. Precautions shall be taken to localize the burning and in no way constitute a fire hazard to persons or property within or adjacent to the area of burning. The granting authority and the employees or agents thereof, in the issuing of a permit, do not assume any responsibility or results in damage to the person or property of the permittee, or the person or property of any third person.
3. Burning shall be restricted to the item(s) and location as indicated. All operations shall be subject to inspection by the Air Pollution Control Division or its representatives.
4. This permit shall be retained by the person supervising the burning and shall be shown upon request of appropriate officials without delay.
5. The permit is for compliance with air pollution control requirements only and is not a permit to violate any existing local laws, rules, regulations, or ordinances regarding fire, zoning, or building.
6. The permittee is responsible for obtaining any additional permits and/or clearances from any appropriate fire control office, any local agency, or other official prior to submission of this permit.
7. Permittee will call 303-758-4948 prior to burning for clearance and burning hours based upon weather conditions. Permittee will also notify the appropriate fire control office on each separate day of his intent to burn and the location of the burn.
8. The Permittee, his employees, agents, and assignees shall abide by the conditions and restrictions contained herein. Any violations of these same conditions and restrictions shall render this permit null and void.
9. This permit shall be good for only 5 day(s) during the allowed time period.
10. Equipment to provide proper combustion air shall be available and utilized whenever warranted.
11. Note the expiration date of this permit.

#1074b

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
Air Pollution Control Division

Specific Conditions for Open Burning Permit No. 2000-OB-01B

Date Issued: 3/7/2000

Date Expires: 4/30/2000

1. Notify Local Fire Authority from each surrounding community prior to burning.
2. Burning is to be conducted during daylight hours only. All burning must be extinguished by 5:00 PM each day.
3. Source is to follow protocol submitted by U.S. Department of Energy / RFFO.
4. Burning is limited to those areas outlined on the map submitted with the open burning application.
5. Community Relations must notify each local municipality, county, the state (CDPHE / APCD), and the U.S. EPA before each burn.
6. The U.S. Forest Service will supervise the open burning operations. Personnel will include representatives from the U.S. Forest Service, Rocky Flats Environmental Technology Site, and from other local fire departments. There will be a minimum of eight persons familiar with the burning activities at the burn site. Personnel shall be equipped with wildland fire equipment, including at least one fire truck.
7. The Project Coordinator will assure that the scheduled burn will not affect other activities in the burn area. All other non-critical activities will be suspended in the area of the burn.
8. The Kaiser-Hill Shift Superintendent must be informed of all burning activities. In addition to advance notification for the burn, the Shift Superintendent will be notified immediately prior to initiation of the burn and immediately after completion.
9. Kaiser-Hill must inform the Director of the RFETS Environmental Protection Division or his/her designee on the first day of each scheduled burn.
10. The U.S. Department of Energy shall furnish a copy of the burn plan to the Air Pollution Control Division prior to conducting burning activities.
11. Kaiser-Hill must provide results of the alpha-beta (α - β) screening of exposure monitoring samples to the Air Pollution Control Division within thirty (30) days after completion of all burning. However, if short-term exposure monitoring concerning radionuclides indicates problems, halt all burning activities until a complete analysis can be conducted and discussed with the Division.
12. U.S. DOE / Kaiser-Hill must have and submit to the Division a written contingency plan to prevent adverse smoke impacts to any affected community surrounding the site. On the day of any burning, post an observer (with radio / telephone contact to the site) in the community / area forecasted to be impacted by smoke. If the smoke reaches ground level in the affected area for a period of 30 minutes, all burning must cease until conditions become favorable to continue the burning activity.

Application for Open Burning Permit at Rocky Flats Environmental Technology Site

1. **Location of burn:**
Rocky Flats Environmental Technology Site (Site) in northern Jefferson County. Several sections of prairie grassland will be involved in a controlled burn.
2. **Purpose of burn:**
There are several purposes for this controlled grassland burn. The primary purpose is grassland resource management -- the burn will restore the natural cycle of fire in the prairie and recycle tied-up nutrients. Secondly, the controlled burning will reduce the fuel load of the Site's grasslands, thereby reducing the potential for uncontrolled wildfire. This spring burn will promote desirable warm season species while reducing cool season and nonnative vegetation.
3. **Total amount of debris to be burned:**
Approximately 500 acres of grasslands, with plots ranging from 47 acres to 160 acres will be burned in a mosaic pattern. Accomplishing the controlled burn of all of this acreage will be dependent upon all conditions of the burn prescription being met.
4. **Total days, hours needed to complete burn:**
Depending on weather conditions, and conditions of the burn prescription being properly met, the grassland burn will take three to five days. Preparation may include the burning of blacklines in the day(s) just prior to the actual controlled burn. Blacklines are included in the total amount of acreage to be burned. Cumulative burn time may reach 30-40 hours over a five-day period, but more likely will be a maximum of 4 hours per plot.








Specific Conditions for Rocky Flats Open Burning Permit

The following are suggested conditions for the Rocky Flats Environmental Technology Site (Site) open burning permit. These conditions match the current plans for the burning activities and should replace the 12 specific conditions that were included on the open burning permit 2000-OB-007 that was earlier issued to the Site.

- Notify local fire authority prior to burning.
- Burning is to be conducted during daylight hours only.
- Burning area is limited to those areas outlined on the map submitted with the open burning permit application.
- The Site will use its best efforts to notify local communities in advance of each burn.
- The U. S. Forest Service will supervise the open burning operations. Personnel will include U. S. Forest Service personnel, Rocky Flats personnel, and personnel from other local fire departments. There will be a minimum of eight persons familiar with burning activities at the burn site. Personnel will be equipped with wildland fire equipment, including at least one fire truck.
- The Project Coordinator will assure that the scheduled burn will not affect other activities in the burn area. All other non-critical activities will be suspended in the area of the burn.
- The Kaiser-Hill Shift Superintendent must be informed of all burning activities. In addition to advance notification for the burn, the Shift Superintendent should be notified immediately prior to initiation of the burn and immediately after completion.

Proposed locations for controlled burning at Rocky Flats Environmental Technology Site, FY00.

LEGEND

-  Proposed Burn Locations
numbers shown are acres
-  Fences
-  Dirt roads
-  Paved Roads
-  Streams
-  Lakes and Ponds
-  Buildings

DATA SOURCE:
Topographic, aerial, and other
data from 1988 and 1989
acquired by ES&P, Inc., Las Vegas,
Nevada, for the Rocky Flats
Environmental Technology Site.
Aerial photography was obtained
from the U.S. Geological Survey
and the U.S. Environmental Protection Agency.
The data was processed by ES&P, Inc.,
Las Vegas, NV, 89104. Aerial photos of 1988 and 1989.
The data was processed by ES&P, Inc.,
Las Vegas, NV, 89104. Aerial photos of 1988 and 1989.

N

1:32153
1000 0 1000 2000 Feet

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared
by

Exponent

For

ES&P, Inc.
Company, LLC

MAP ID: RFL-00-CF-01

October 4, 1999

